

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A navigational device, comprising:
a processor;
a memory in communication with the processor;
a display in communication with the processor;
wherein the device uses the memory in cooperation with the processor to compress ~~pack~~
a plurality of coordinate data and associate at least a portion of activation data with each
coordinate data, each coordinate data having three or more dimensions; and
wherein at least a portion of the coordinate data is dynamically communicated to the
display.
2. (Original) The device of claim 1, further comprising an interface device operable to
audibly communicate at least a portion of the coordinate data.
3. (Currently Amended) The device of claim 1, wherein each dimension includes a delta
size associated with an optimal size to ~~pack~~ compress each coordinate data.
4. (Currently Amended) The device of claim 3, wherein at least one of the coordinate data
exceed the delta size associated with ~~packing~~ compressing the at least one coordinate data and
wherein associating one or more special data ensures the at least one coordinate data are ~~packed~~
compressed within the delta size associated with the coordinate data.
5. (Currently Amended) The device of claim 4, wherein:
each dimension is associated with a direction; and
if each direction within each dimension of each associated coordinate data proceeds in a
same direction then using a single sign data for each dimension to ~~pack~~ compress each
coordinate data.

6. (Original) The device of claim 1, wherein at least one of the dimensions is associated with attribute data relating to at least one of the other dimensions.
7. (Original) The device of claim 1, wherein the device is a handheld portable device.
8. (Original) The device of claim 1, wherein the memory is remote from the processor.
9. (Currently Amended) A navigation system, comprising:
a mass storage device adapted to store navigation data;
a server adapted to communicate with the mass storage; and
a navigation device adapted to communicate with and retrieve navigation data from the server via a communication channel, wherein the navigation device includes a processor in communication with a memory, wherein the processor and memory cooperate to ~~pack~~ compress at least three dimensional data associated with the navigation data and activation data associated with the at least three dimensional data.
10. (Original) The system of claim 9, wherein the communication channel includes a wireless channel.
11. (Original) The system of claim 9, wherein the activation data are configurable to activate or deactivate each dimension within the at least three dimensional data of the navigation data.
12. (Currently Amended) The system of claim 11, wherein the navigation data are ~~packed~~ compressed within the memory.
- 13-24. (Canceled)

25. (New) A navigational device, comprising:
a memory;
a display;
a processor that cooperates with the memory to compress navigation data
having three or more dimensions wherein the navigation data includes control data and
coordinate data; and

a Global Positioning Satellite (GPS) receiver that cooperates with the processor
and provides to the processor specific values for coordinate data, wherein the processor matches
the values with portions of the compressed navigation data using the control data and
dynamically decompresses those matched portions and communicates the decompressed
matched portions to the display.

26. (New) The navigational device of claim 25, wherein the navigation device is a portable
digital assistant.

27. (New) The navigation device of claim 25, wherein the navigation data includes
attribute data within one or more of the three or more dimensions, and wherein the attribute data
drives presentation effects of the decompressed matched portions on the display.

28. (New) The navigation device of claim 25, wherein the navigational device transmits
the decompressed matched portions to an external device.

29. (New) The navigational device of claim 25, wherein each of the three or more
dimensions include cartographic data.

30. (New) The navigational device of claim 25, wherein the decompressed match portions
represent in least in part a current position of the device within a route that the device is traveling
along.

31. (New) The navigational device of claim 25 further comprising an audio device in cooperation with the processor, wherein the audio device communicates at least a part of the decompressed matched portions audibly.

A/
incl.

32. (New) The navigational device of claim 25 wherein at least one of the three or more dimensions associated with the decompressed matched portions includes landmark data proximate to the navigational device.
